

CLAIMS

The invention is claimed as follows:

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1. An electronic ticket management system comprising:
 - an event organizer apparatus for planning an event;
 - 5 an electronic ticket distribution authentication apparatus for distributing electronic ticket information that authenticates a right to attend the event;
 - an information storage chip for storing the electronic ticket information; and
 - an electronic ticket platform center for managing the distribution of the electronic ticket information,
 - 10 wherein the event organizer apparatus creates event information unique to each event, and registers the event information in the electronic ticket platform center;
 - wherein the electronic ticket distribution authentication apparatus receives a request to distribute the electronic ticket information concerning the event from a user of the information storage chip, performs distribution authentication processing for
 - 15 determining whether the electronic ticket information is to be distributed to the user, and registers an authentication result in the electronic ticket platform center as ticket issuing information; and
 - wherein the electronic ticket platform center creates an electronic ticket information master based on the event information registered by the event organizer apparatus, relates the ticket issuing information registered by the electronic ticket
 - 20 distribution authentication apparatus to the electronic ticket information master, and performs ticket issuing processing for writing the electronic ticket information into the information storage chip based on the ticket issuing information.
- 25 2. An event organizer apparatus for planning an event, comprising: an event organizer apparatus that forms event information unique to an event, registers the event information in an electronic ticket platform center, and selects an electronic ticket distribution authentication apparatus for distributing electronic ticket information which authenticates a right to attend the event.
- 30 3. An event organizer apparatus according to claim 2, wherein the event information includes at least an event venue master in which event venue information

concerning an event location and time and date information concerning the time and date of the event are stored.

4. An event organizer apparatus according to claim 3, wherein the event
5 information further includes a seat master concerning seat information.

5. An event organizer apparatus according to claim 2, wherein the event organizer
apparatus manages a ratio of the electronic ticket information allocated to a plurality of
the electronic ticket distribution authentication apparatuses.

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6. An event organizer apparatus according to claim 2, wherein the electronic
ticket information includes user information concerning a user of an information
storage chip.

15 7. An electronic ticket platform center for managing the distribution of electronic
ticket information which authenticates a right to attend an event, wherein the electronic
ticket platform center forms an electronic ticket information master based on event
information formed for each event by an event organizer apparatus, relates ticket
issuing information formed by an electronic ticket distribution authentication
20 apparatus to the electronic ticket information master where the electronic ticket
distribution authentication apparatus distributes the electronic ticket information, and
where the electronic ticket platform center performs ticket issuing processing for
writing the electronic ticket information into a predetermined information storage chip
based on the ticket issuing information.

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8. An electronic ticket platform center according to claim 7, wherein the event
information includes at least an event venue master in which event venue information
concerning an event location and time and date information concerning the time and
date of the event are stored.

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9. An electronic ticket platform center according to claim 8, wherein the event
information further includes a seat master concerning seat information.

10. An electronic ticket platform center according to claim 7, wherein the ticket issuing processing is performed via a network.
- 5 11. An electronic ticket platform center according to claim 7, wherein an electronic ticket distribution store terminal is provided, and the ticket issuing processing is performed via the electronic ticket distribution store terminal.
- 10 12. An electronic ticket platform center according to claim 7, wherein the electronic ticket information includes user information concerning a user of the information storage chip.
- 15 13. An electronic ticket platform center according to claim 7, wherein the electronic ticket platform center has an authentication right to determine whether the electronic ticket information is written into the predetermined information storage chip.
- 20 14. An electronic ticket distribution authentication apparatus for distributing electronic ticket information which authenticates a right to attend an event, wherein the electronic ticket distribution authentication apparatus receives a request to distribute the electronic ticket information concerning the event from a user of an information storage chip, performs distribution authentication processing for determining whether the electronic ticket information is to be distributed to the user, registers an authentication result in an electronic ticket platform center for managing the
- 25 distribution of the electronic ticket information as ticket issuing information, and instructs the electronic ticket platform center to perform ticket issuing processing for writing the electronic ticket information into the information storage chip of the user based on the ticket issuing information.
- 30 15. An electronic ticket distribution authentication apparatus according to claim 14, wherein an event organizer apparatus for planning an event manages an allocation ratio of the electronic ticket information.

16. An electronic ticket distribution authentication apparatus according to claim 14, wherein the request to distribute the electronic ticket information from the user is sent via a network.

17. An electronic ticket distribution authentication apparatus according to claim 14, wherein an electronic ticket information distribution store terminal is provided, and the request to distribute the electronic ticket information from the user is sent via the electronic ticket information distribution store terminal.

18. An electronic ticket distribution authentication apparatus according to claim 14, wherein the electronic ticket information includes user information concerning the user of the information storage chip.

19. An electronic ticket information distribution store terminal for distributing electronic ticket information which authenticates a right to attend an event, wherein the electronic ticket information distribution store terminal receives a request to distribute the electronic ticket information concerning the event from a user of an information storage chip, transfers the request to an electronic ticket distribution authentication apparatus so as to instruct the electronic ticket distribution authentication apparatus to perform distribution authentication processing for determining whether the electronic ticket information is to be distributed to the user, receives a ticket issuing request from an electronic ticket platform center for managing the distribution of the electronic ticket information, and writes the electronic ticket information into the information storage chip.

20. An electronic ticket information distribution store terminal according to claim 19, wherein output means is provided for outputting the electronic ticket information as a paper ticket.

21. An information storage chip for storing electronic ticket information which authenticates a right to attend an event, wherein a user of said information storage chip

sends a request to distribute the electronic ticket information concerning the event to an electronic ticket distribution authentication apparatus so as to instruct the electronic ticket distribution authentication apparatus to perform distribution authentication processing for determining the electronic ticket information to be distributed to the user, and then, the electronic ticket information is written into the information storage chip in response to a ticket issuing request sent from an electronic ticket platform center for managing the distribution of the electronic ticket information.

22. An information storage chip according to claim 21, wherein the electronic ticket information includes at least event venue information concerning an event location and time and date information concerning the time and date of the event.

23. An information storage chip according to claim 22, wherein the electronic ticket information further includes seat information.

24. An information storage chip according to claim 21, wherein the electronic ticket information includes user information concerning the user of the information storage chip.

25. An information storage chip according to claim 21, wherein the electronic ticket platform center is requested to perform authentication processing when the electronic ticket information is written into the information storage chip.

26. An information storage chip according to claim 21, wherein the electronic ticket information is written into the information storage chip via a network.

27. An information storage chip according to claim 21, wherein the electronic ticket information is written into the information storage chip via an electronic ticket information distribution store terminal.

28. An information storage chip according to claim 21, wherein the information storage chip is integrated into a membership card to be distributed according to a

membership registration via said electronic ticket distribution authentication apparatus.

29. An electronic ticket management method employing an event organizer
5 apparatus for planning an event, an electronic ticket distribution authentication
apparatus for distributing electronic ticket information which authenticates a right to
attend the event, an information storage chip for storing the electronic ticket
information, and an electronic ticket platform center for managing the distribution of
the electronic ticket information, the electronic ticket management method comprising
10 the steps of:

forming event information unique to each of the events and registering the
event information in the electronic ticket platform center by the event organizer
apparatus;

15 receiving a request to distribute the electronic ticket information concerning the
event from a user of the information storage chip, performing distribution
authentication processing for determining whether the electronic ticket information is
to be distributed to the user, and registering an authentication result in the electronic
ticket platform center as ticket issuing information by the electronic ticket distribution
authentication apparatus; and

20 forming an electronic ticket information master based on the event information
registered by the event organizer apparatus, relating the ticket issuing information
registered by the electronic ticket distribution authentication apparatus to the electronic
ticket information master, and performing ticket issuing processing for writing the
electronic ticket information into the information storage chip based on the ticket
25 issuing information by the electronic ticket platform center.

30. An electronic ticket management method according to claim 29, wherein the
event organizer apparatus selects the electronic ticket distribution authentication
apparatus for handling the electronic ticket information concerning the event.

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31. An electronic ticket management method according to claim 29, wherein the information storage chip is distributed as a membership card according to a membership registration via the electronic ticket distribution authentication apparatus.
- 5 32. An electronic ticket management method according to claim 29, wherein a predetermined time period is provided between the distribution authentication processing performed by the electronic ticket distribution authentication apparatus and the ticket issuing processing performed by the electronic ticket platform center.
- 10 33. An electronic ticket management method according to claim 29, wherein the request to distribute the electronic ticket information from the user is sent and the ticket issuing processing is performed by the electronic ticket platform center via a network.
- 15 34. An electronic ticket management method according to claim 29, wherein an electronic ticket information distribution store terminal is provided, and the request to distribute the electronic ticket information from the user is sent and the ticket issuing processing is performed by the electronic ticket platform center via the electronic ticket information distribution store terminal.
- 20 35. An electronic ticket management method according to claim 29, wherein authentication processing by the electronic ticket platform center is required when the electronic ticket information is written into the information storage chip.
- 25 36. An electronic ticket assignment apparatus for controlling a reading/writing operation of electronic ticket information from and into an information storage chip in which a plurality of items of the electronic ticket information are stored, the electronic ticket information being used for authenticating a right to attend an event in correspondence with event information unique to each event, wherein the information
- 30 storage chip of an assignor sends an assignment request to the electronic ticket assignment apparatus by specifying ID information of the information storage chip of an assignee and the electronic ticket information to be assigned, and the electronic

ticket assignment apparatus performs an assignment operation by writing the electronic ticket information to be assigned into the information storage chip of the assignee in response to the assignment request and by deleting the assigned electronic ticket information from the information storage chip of the assignor.

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37. An electronic ticket assignment apparatus according to claim 36, wherein the electronic ticket assignment apparatus includes an electronic ticket platform center which authenticates a writing/deleting operation of the electronic ticket information, and a reader/writer for reading and writing the electronic ticket information from and into the information storage chip; and

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wherein the assignment request and the assignment operation are performed via a network.

38. An electronic ticket assignment apparatus according to claim 36, wherein the electronic ticket assignment apparatus comprises an information storage chip reader/writer having a right to authenticate a writing/deleting operation of the electronic ticket information.

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39. An electronic ticket assignment apparatus according to claim 36, wherein a predetermined time period is provided between the assignment request and the assignment operation.

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40. An electronic ticket assignment apparatus according to claim 36 wherein the electronic ticket assignment apparatus is a computer program.

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41. An electronic ticket assignment method comprising the steps of:

storing a plurality of items of electronic ticket information in an information storage chip, the electronic ticket information being used for authenticating a right to attend an event in correspondence with event information unique to each event;

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sending an assignment request from an assignor's information storage chip to an electronic ticket assignment apparatus by specifying ID information of an assignee's information storage chip and the electronic ticket information to be assigned, where

the electronic ticket assignment apparatus controls a reading/writing operation of the electronic ticket information from and into the information storage chip; and
performing an assignment operation by the electronic ticket assignment apparatus by writing the electronic ticket information to be assigned into the
5 information storage chip of the assignee in response to the assignment request and by deleting the assigned electronic ticket information from the information storage chip of the assignor.

42. An electronic ticket assignment method according to claim 41, wherein the
10 electronic ticket assignment apparatus comprises an electronic ticket platform center which authenticates a writing/deleting operation of the electronic ticket information, and a reader/writer for reading and writing the electronic ticket information from and into the information storage chip; and
wherein the assignment request and the assignment operation are performed via
15 a network.

43. An electronic ticket assignment method according to claim 41, wherein the
electronic ticket assignment apparatus comprises an information storage chip
reader/writer having a right to authenticate a writing/deleting operation of the
20 electronic ticket information.

44. An electronic ticket assignment method according to claim 41, wherein a
predetermined time period is provided between the assignment request and the
assignment operation.

45. A ticket allocation system comprising:
a seat information forming unit for forming seat positions of an event venue
into seat information as cell data;
a display unit for displaying the seat information on a screen;
30 a selector unit for selecting the seat information in units of cells on the screen;
and

a ticket allocation unit for performing ticket allocation processing according to a selection result obtained by the selector unit.

46. A ticket allocation system according to claim 45, wherein the seat information is classified according to the type of seat, and the selector unit selects the seat information according to the type of seat.

47. A ticket allocation system according to claim 46, wherein the seat information is displayed on the screen so that it is visually distinguishable according to the type of seat.

48. A ticket allocation system according to claim 45, wherein the selection result obtained by the selector unit is displayed so that it is visually distinguishable on the screen.

49. A ticket allocation system according to claim 45, wherein the selector unit selects the seat information as a group of cells.

50. A ticket allocation system according to claim 45, wherein the number of cells selected by the selector unit or the number of cells selectable by the selector unit is displayed on the screen.

51. A ticket allocation system according to claims 45 wherein the ticket allocation system is a computer program.

52. An electronic ticket management system using an information storage chip for storing electronic ticket information which authenticates a right to attend a specific event, the electronic ticket management system comprising:

an electronic ticket information forming unit for forming event information unique to each event, and for forming electronic ticket information in correspondence with event information;

an electronic ticket information writer for writing the electronic ticket information into the information storage chip; and

an electronic ticket information reader installed at an event venue corresponding to the event information, for reading the electronic ticket information stored in the information storage chip and for permitting a user of the information storage chip to enter the event venue only when the integrity of the event information stored in the read electronic ticket information is verified.

53. An electronic ticket information reader for reading electronic ticket information which authenticates a right to attend a specific event stored in an information storage chip, wherein the electronic ticket information reader is installed at an event venue, and reads the electronic ticket information stored in the information storage chip and permits a user of the information storage chip to enter the event venue only when the integrity of event information stored in the read electronic ticket information is verified.

54. An electronic ticket platform center for managing the distribution of electronic ticket information by using an information storage chip for storing the electronic ticket information which authenticates a right to attend a specific event venue, the electronic ticket platform center comprising:

an electronic ticket information reader installed at an event venue for reading the electronic ticket information stored in the information storage chip and for permitting a user of the information storage chip to enter the event venue only when the integrity of the event information stored in the read electronic ticket information is verified, thereby managing the distribution of the electronic ticket information.

55. An electronic ticket platform center according to claim 54, further comprising: an event-venue management unit installed at the event venue for managing the electronic ticket information read by the electronic ticket information reader.

56. An electronic ticket management method using an information storage chip for storing electronic ticket information which authenticates a right to attend a specific event, the electronic ticket management method comprising the steps of:

forming event information unique to each event by an electronic ticket
5 information forming unit;
forming electronic ticket information in correspondence with the event
information by the electronic ticket information forming unit;
writing the electronic ticket information into the information storage chip by an
electronic ticket information writer; and
10 reading the electronic ticket information stored in the information storage chip
by an electronic ticket information reader installed at an event venue corresponding to
the event information, and permitting a user of the information storage chip to enter
the event venue only when the integrity of the event information stored in the read
electronic ticket information is verified.

15 57. An electronic ticket management method according to claim 56, wherein the
electronic ticket information forming unit, the electronic ticket information writer, and
the electronic ticket information reader are connected to each other via a network, and
the distribution of the electronic ticket information is managed by an electronic ticket
20 platform center via an electronic ticket information master.

58. An electronic ticket management method according to claim 56, wherein an
event-venue management unit is installed at the event venue, and the electronic ticket
information read by the electronic ticket information reader is managed at the event
25 venue by the event-venue management unit.

59. An electronic ticket management method according to claim 56, wherein
guidance information identifiable by the user is output based on the read electronic
ticket information.

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60. An electronic ticket management method according to claim 56, wherein electronic ticket information post-processing for computing the electronic ticket information read by the electronic ticket information reader is performed.